



## In the United States Patent and Trademark Office

Applicants: Ali Yahiaoui et al. Docket No.: 18459  
Serial No.: 10/743,893 Group:  
Confirmation No.: Unknown Examiner:  
Filed: December 22, 2003  
For: Porous Substrates Having One Side Treated at a Higher Concentration  
and Methods of Treating Porous Substrates

### Information Disclosure Statement Pursuant to 37 C.F.R. 1.97(b) Before First Office Action or Within Three Months of Filing Date

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. 1.56 and in accordance with 37 C.F.R. 1.97 et seq., Applicants, through and by their attorneys, hereby wish to direct the Examiner's attention to the documents listed on the modified PTO 1449 Form. A copy of each non-U.S. patent document listed on the form is also presented herewith for the Examiner's review and convenience. Cited U.S. patents and U.S. patent application publications are not included in accordance with the U.S. Patent Office waiver of the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003.

Applicants also wish to bring the following commonly-assigned pending patent applications to the attention of the Examiner:

U.S. Patent Application Serial No. 10/746,743 filed December 22, 2003, by  
Ali Yahiaoui et al. for "Treated Nonwoven Material".

U.S. Patent Application Serial No. 10/037,467 filed December 31, 2003, by L. Warren  
Collier, IV et al. for "Strong High Loft Low Density Nonwoven Webs and Laminates Thereof".

These applications are not listed on the accompanying PTO Form 1449, however, copies are provided herewith.

By inclusion of any given document in this Information Disclosure Statement, Applicants in no way admit that such document is effective as prior art against the above-identified application under either 35 U.S.C. 102 or 35 U.S.C. 103.

Additionally, submission of any document is not to be taken as an admission of the materiality of the document to the prosecution of the present application.

The Examiner is requested to review each cited document and personally determine its prior art status.

Applicants recommend that the Examiner conduct an independent search for any and all available material prior art and independently review the results of such search and the documents cited within this Statement.

Applicants request the Examiner, in accordance with 37 C.F.R. 1.97, to indicate and make of record receipt and review of all of these documents by initialing the appropriate box in the accompanying PTO-1449. Applicants request that the undersigned receive a copy of the initialed PTO-1449.

If the Examiner refuses to consider any or all of the herein listed materials because it is the Examiner's opinion that this Information Disclosure Statement is not in compliance with 37 C.F.R. 1.97, Applicants respectfully request that the Examiner notify the undersigned, in writing, as to the basis of such opinion.

Please charge any prosecutorial fees which are due to Kimberly-Clark Worldwide, Inc. deposit account number 11-0875.

The undersigned may be reached at: (770) 587-8620.

Respectfully submitted,

ALI YAHIAOUI ET AL.

By: Christos S. Kyriakou  
Christos S. Kyriakou  
Registration No.: 42,776

CERTIFICATE OF MAILING

I, Christos S. Kyriakou, hereby certify that on April 15, 2004 this document is being deposited with the United States Postal Service as first-class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Christos S. Kyriakou  
Christos S. Kyriakou



APR 19 2004

Page 1

## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Ali Yahiaoui et al.  
Serial No.: 10/743,893  
Filed: December 22, 2003

Docket 18459  
Group:  
Examiner:

| U.S. PATENT DOCUMENTS |     |           |            |                   |       |          |             |
|-----------------------|-----|-----------|------------|-------------------|-------|----------|-------------|
| Initials              |     | Doc. No.  | Date       | Name              | Class | Subclass | Filing Date |
|                       | A1  | 3,016,599 | 1/16/1962  | Perry, Jr.        |       |          |             |
|                       | A2  | 3,084,661 | 4/9/1963   | Roberts           |       |          |             |
|                       | A3  | 3,341,394 | 9/12/1967  | Kinney            |       |          |             |
|                       | A4  | 3,655,862 | 4/11/1972  | Dorschner et al.  |       |          |             |
|                       | A5  | 3,692,618 | 9/19/1972  | Dorschner et al.  |       |          |             |
|                       | A6  | 3,704,198 | 11/28/1972 | Prentice          |       |          |             |
|                       | A7  | 3,705,068 | 12/5/1972  | Dobo et al.       |       |          |             |
|                       | A8  | 3,755,527 | 8/28/1973  | Keller et al.     |       |          |             |
|                       | A9  | 3,802,817 | 4/9/1974   | Matsuki et al.    |       |          |             |
|                       | A10 | 3,849,241 | 11/19/1974 | Butin et al.      |       |          |             |
|                       | A11 | 3,853,651 | 12/10/1974 | Porte             |       |          |             |
|                       | A12 | 3,865,078 | 2/11/1975  | De Howitt et al.  |       |          |             |
|                       | A13 | 3,974,319 | 8/10/1976  | Alibeckoff        |       |          |             |
|                       | A14 | 3,978,185 | 8/31/1976  | Buntin et al.     |       |          |             |
|                       | A15 | 4,018,647 | 4/19/1977  | Wietsma           |       |          |             |
|                       | A16 | 4,023,526 | 5/17/1977  | Ashmus et al.     |       |          |             |
|                       | A17 | 4,044,178 | 8/23/1977  | Abel et al.       |       |          |             |
|                       | A18 | 4,064,605 | 12/27/1977 | Akiyama et al.    |       |          |             |
|                       | A19 | 4,081,318 | 3/28/1978  | Wietsma           |       |          |             |
|                       | A20 | 4,091,140 | 5/23/1978  | Harmon            |       |          |             |
|                       | A21 | 4,099,913 | 7/11/1978  | Walter et al.     |       |          |             |
|                       | A22 | 4,100,319 | 7/11/1978  | Schwartz          |       |          |             |
|                       | A23 | 4,100,324 | 7/11/1978  | Anderson et al.   |       |          |             |
|                       | A24 | 4,118,526 | 10/3/1978  | Gregorian et al.  |       |          |             |
|                       | A25 | 4,118,531 | 10/3/1978  | Hauser            |       |          |             |
|                       | A26 | 4,148,958 | 4/10/1979  | Tischer et al.    |       |          |             |
|                       | A27 | 4,288,475 | 9/8/1981   | Meeker            |       |          |             |
|                       | A28 | 4,297,860 | 11/3/1981  | Pacifci et al.    |       |          |             |
|                       | A29 | 4,305,169 | 12/15/1981 | Vidalis           |       |          |             |
|                       | A30 | 4,340,563 | 7/20/1982  | Appel et al.      |       |          |             |
|                       | A31 | 4,349,930 | 9/21/1982  | Van Wersch et al. |       |          |             |
|                       | A32 | 4,400,953 | 8/30/1983  | Driessen et al.   |       |          |             |
|                       | A33 | 4,405,297 | 9/20/1983  | Appel et al.      |       |          |             |
|                       | A34 | 4,434,204 | 2/28/1984  | Hartman et al.    |       |          |             |
|                       | A35 | 4,435,965 | 3/13/1984  | Sasseville et al. |       |          |             |
|                       | A36 | 4,440,808 | 4/3/1984   | Mitter            |       |          |             |
|                       | A37 | 4,453,462 | 6/12/1984  | Mitter            |       |          |             |

**List of Patents and Publications for Information Disclosure Statement**

Applicant(s): Ali Yahiaoui et al. Docket 18459  
 Serial No.: 10/743,893 Group:  
 Filed: December 22, 2003 Examiner:

|     |           |            |                   |  |  |  |
|-----|-----------|------------|-------------------|--|--|--|
| A38 | 4,463,583 | 8/7/1984   | Krüger et al.     |  |  |  |
| A39 | 4,497,273 | 2/5/1985   | Mitter            |  |  |  |
| A40 | 4,562,097 | 12/31/1985 | Walter et al.     |  |  |  |
| A41 | 4,581,254 | 4/8/1986   | Cunningham et al. |  |  |  |
| A42 | 4,606,944 | 8/19/1986  | Lauchenauer       |  |  |  |
| A43 | 4,612,874 | 9/23/1986  | Mitter            |  |  |  |
| A44 | 4,627,811 | 12/9/1986  | Greiser et al.    |  |  |  |
| A45 | 4,644,045 | 2/17/1987  | Fowells           |  |  |  |
| A46 | 4,663,220 | 5/5/1987   | Wisneski et al.   |  |  |  |
| A47 | 4,773,110 | 9/27/1988  | Hopkins           |  |  |  |
| A48 | 4,778,477 | 10/18/1988 | Lauchenauer       |  |  |  |
| A49 | 4,798,603 | 6/17/1989  | Meyer et al.      |  |  |  |
| A50 | 4,943,451 | 7/24/1990  | Zimmer            |  |  |  |
| A51 | 5,008,131 | 4/16/1991  | Bakhshi           |  |  |  |
| A52 | 5,089,296 | 2/18/1992  | Bafford et al.    |  |  |  |
| A53 | 5,145,527 | 9/8/1992   | Clifford et al.   |  |  |  |
| A54 | 5,176,668 | 1/5/1993   | Bernardin         |  |  |  |
| A55 | 5,176,672 | 1/5/1993   | Bruemmer et al.   |  |  |  |
| A56 | 5,192,606 | 3/9/1993   | Proxmire et al.   |  |  |  |
| A57 | 5,219,620 | 6/15/1993  | Potter et al.     |  |  |  |
| A58 | 5,364,382 | 11/15/1994 | Latimer et al.    |  |  |  |
| A59 | 5,366,161 | 11/22/1994 | Potter et al.     |  |  |  |
| A60 | 5,382,400 | 1/17/1995  | Pike et al.       |  |  |  |
| A61 | 5,393,379 | 2/28/1995  | Parrinello        |  |  |  |
| A62 | 5,486,166 | 1/23/1996  | Bishop et al.     |  |  |  |
| A63 | 5,490,846 | 2/13/1996  | Ellis et al.      |  |  |  |
| A64 | 5,494,744 | 2/27/1996  | Everhart et al.   |  |  |  |
| A65 | 5,509,915 | 4/23/1996  | Hanson et al.     |  |  |  |
| A66 | 5,891,812 | 4/6/1999   | Honeycutt et al.  |  |  |  |
| A67 | 5,910,368 | 6/8/1999   | Ehret             |  |  |  |
| A68 | 5,912,194 | 6/15/1999  | Everhart et al.   |  |  |  |
| A69 | 6,139,941 | 10/31/2000 | Jankevics et al.  |  |  |  |
| A70 | 6,197,378 | 3/6/2001   | Clark et al.      |  |  |  |
| A71 | 6,296,862 | 10/2/2001  | Paul et al.       |  |  |  |
| A72 | 6,444,214 | 9/3/2002   | Cole et al.       |  |  |  |
| A73 | 6,503,526 | 1/7/2003   | Krzysik et al.    |  |  |  |
| A74 | 6,548,431 | 4/15/2003  | Bansal et al.     |  |  |  |
| A75 | 6,579,570 | 6/17/2003  | Lang et al.       |  |  |  |
| A76 | 6,582,555 | 6/24/2003  | Capizzi et al.    |  |  |  |

**List of Patents and Publications for Information Disclosure Statement**

Applicant(s): Ali Yahiaoui et al. Docket 18459  
 Serial No.: 10/743,893 Group:  
 Filed: December 22, 2003 Examiner:

|  |     |                |            |                      |  |  |  |
|--|-----|----------------|------------|----------------------|--|--|--|
|  | A77 | 6,596,658      | 7/22/2003  | Putnam et al.        |  |  |  |
|  | A78 | 6,599,848      | 7/29/2003  | Chen et al.          |  |  |  |
|  | A79 | 6,602,437      | 8/5/2003   | Miller et al.        |  |  |  |
|  | A80 | 6,607,783      | 8/19/2003  | Vander Heiden et al. |  |  |  |
|  | A81 | 6,626,961      | 9/30/2003  | Everhart et al.      |  |  |  |
|  | A82 | US 2003/203162 | 10/30/2003 | Fenwick et al.       |  |  |  |
|  | A83 |                |            |                      |  |  |  |
|  | A84 |                |            |                      |  |  |  |

**Foreign Patent Documents**

| Initials | Doc. No.        | Date       | Country | Trans. |          |     |    |
|----------|-----------------|------------|---------|--------|----------|-----|----|
|          |                 |            |         | Class  | Subclass | Yes | No |
| A1       | EP 0 491 204 A2 | 6/24/1992  | EP      |        |          |     |    |
| A2       | EP 0 602 135 B1 | 10/21/1998 | EP      |        |          |     |    |
| A3       | EP 1 329 548 A1 | 7/23/2003  | EP      |        |          |     |    |
| A4       | WO 98/27276     | 6/25/1998  | WO-PCT  |        |          |     |    |
| A5       | WO 00/66058     | 11/9/2000  | WO-PCT  |        |          |     |    |
| A6       | WO 01/48303     | 7/5/2001   | WO-PCT  |        |          |     |    |
| A7       | WO 01/49259     | 7/12/2001  | WO-PCT  |        |          |     |    |
| A8       | WO 01/83876     | 11/8/2001  | WO-PCT  |        |          |     |    |
| A9       | WO 01/87215     | 11/22/2001 | WO-PCT  |        |          |     |    |
| A10      | WO 02/12616     | 2/14/2002  | WO-PCT  |        |          |     |    |
| A11      | WO02/76731      | 10/3/2002  | WO-PCT  |        |          |     |    |
| A12      | WO 02/94330     | 11/28/2002 | WO-PCT  |        |          |     |    |
| A13      | WO 02/103107    | 12/27/2002 | WO-PCT  |        |          |     |    |
| A14      | WO 03/49937     | 6/19/2003  | WO-PCT  |        |          |     |    |
| A15      | WO 03/57122     | 7/17/2003  | WO-PCT  |        |          |     |    |
| A16      |                 |            |         |        |          |     |    |
| A17      |                 |            |         |        |          |     |    |

**Other Documents**

| Initials |    | Author, Title, Date, Pages, etc.  |
|----------|----|---|
|          | A1 | INDA IST 70.4 (99), "Standard Test Method for Water Vapor Transmission Rate Through Non Woven and Plastic Film Using a Guard Film and Vapor Pressure Sensor", 1999. |
|          | A2 | Wente, V.A., "Superfine Thermoplastic Fibers", <u>Industrial and Engineering Chemistry</u> , Vol. 48, No. 8, 1956, pp. 1342-1346.                                   |
|          | A3 | Wente, V.A. et al., "Manufacture of Superfine Organic Fibers", U.S. Naval Research Laboratory, <u>NRL Report 4364</u> , May 25, 1954, pp. 1-15.                     |

**List of Patents and Publications for Information Disclosure Statement**

Applicant(s): Ali Yahiaoui et al. Docket 18459  
Serial No.: 10/743,893 Group:  
Filed: December 22, 2003 Examiner:

|    |   |
|----|---|
| A4 | Buntin, R.R. et al., "Melt Blowing—A One-Step Web Process for New Nonwoven Products", <u>Journal of the Technical Association of the Pulp and Paper Industry</u> , Vol. 56, No. 4, April 1973, pp. 74-77. |
|----|---|

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

**Examiner:****Date Considered:**